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APR 15 2005

DEPT OF ECOLOGY

# State of Washington Application for a Drought Permit

Please follow the attached instructions to avoid unnecessary delays.

For Ecology Use

Fee Paid

Date

## Section 1. APPLICANT - PERSON, ORGANIZATION, OR WATER SYSTEM

Name Water District 19 Home Tel: ( ) -

Mailing Address P.O. Box T Work Tel: (206) - 463 - 9007

City Vashon State WA Zip+4 98070 + FAX: (206) - 463 - 1262

## Section 2. CONTACT - PERSON TO CALL ABOUT THE APPLICATION

Same as above

Name Jeffrey Lakin Home Tel: ( ) -

Mailing Address \_\_\_\_\_ Work Tel: ( ) -

City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_ + FAX: ( ) -

Relationship to applicant District Manager

## Section 3. STATEMENT OF INTENT

The applicant requests a permit to use not more than 45 (  gallons per minute or  cubic feet per second) from a  surface water source or  ground water source (check only one) for the purpose(s) of \_\_\_\_\_ ATTACH A "LEGAL"

DESCRIPTION OF THE PLACE OF USE. (See instructions.) NOTE: A tax parcel number or a plat number is not sufficient.

Estimate a maximum annual quantity to be used in acre-feet per year: 24

Check if the water use is proposed for a short-term project. Indicate the period of time that the water will be needed:

From 6/1/05 to 9/30/05

## Section 4. WATER SOURCE

| If SURFACE WATER   |           |          |            |            |             | If GROUNDWATER                                    |       |             |
|--|-----------|----------|------------|------------|-------------|---|-------|-------------|
| Name the water source and indicate if stream, spring, lake, etc. If unnamed, write "unnamed spring," "unnamed stream," etc.:<br>Number of diversions: _____  |           |          |            |            |             | A permit is desired for 1 well.                   |       |             |
| Source flows into (name of body of water): _____   |           |          |            |            |             | Size & depth of well(s): _____                    |       |             |
| LOCATION   |           |          |            |            |             |   |       |             |
| Enter the north-south and east-west distances in feet from the point of diversion or withdrawal to the nearest section corner:<br>500 ft east of west section line and 2500 feet south of north section line |           |          |            |            |             |   |       |             |
| ¼ of   | ¼ of      | Section  | Township   | Range(E/W) | County      | If location of source is platted, complete below: |       |             |
|  |           |          |            |            |             | Lot   | Block | Subdivision |
| <u>SW</u>  | <u>NW</u> | <u>8</u> | <u>22N</u> | <u>3E</u>  | <u>King</u> |   |       |             |
|  |           |          |            |            |             |   |       |             |
| For Ecology Use Date Received: <u>4/15/2005</u> Priority Date: <u>4/15/2005</u>  |           |          |            |            |             |   |       |             |
| SEPA: <u>Exempt</u> / Not Exempt FERC License # _____ Dept. Of Health # _____  |           |          |            |            |             |   |       |             |
| Date Accepted As Complete <u>4/15/2005</u> By <u>[Signature]</u> Date Returned _____ By _____ WRIA: <u>15</u>  |           |          |            |            |             |   |       |             |

Appl. No. G1-28250

**Section 5. GENERAL WATER SYSTEM INFORMATION**

- A. Name of system, if named: Water District 19
- B. Briefly describe your proposed water system. **(See instructions.)**

This application is for temporary water rights for the District's emergency source, Well No. 3, to allow it to be pumped in the summer of 2005 in pursuant to the declared drought emergency. No new connections are being requested with this application.

Water District 19 serves approximately 1700 ERUs on Vashon Island. It is the largest water purveyor, and only public water district, on the island. The District obtains water from two streams, Beall Creek and Ellis Creek, and one well located near the center of the District. In times of low flow in the stream the District source of supply has been forced to reduce its withdrawal to meet in-stream flow obligations.

Well 2, the District's main ground water supply source, dropped in 2003. In 2004 the District attempted to rehabilitate the well. That rehabilitation was unsuccessful in bringing the production back to its historical production rate of 250 gpm. In the fall of 2004 the well failed with the production rate dropping to 50 gpm. The District obtained emergency funding and is currently drilling a replacement well on the same site. The District hopes that the new well will be online before the summer peak period. However, the lack of ground water production and therefore the increased reliance on surface water has increased concerns of meeting system demands during this drought period.

The District is concerned that with the current drought, flows in the streams may be at a historical low and that surface water withdrawals will be curtailed. If this occurs, it may be difficult to meet system demand particularly if the new groundwater well is not complete and online.

- C. Do you already have any water rights or claims associated with this property or system?  YES  NO  
PROVIDE DOCUMENTATION.

**Section 6. DOMESTIC / PUBLIC WATER SUPPLY SYSTEM INFORMATION**  
*(Completed for all domestic/public supply uses.)*

- A. Number of "connections" requested: zero Type of connection \_\_\_\_\_  
(Homes, Apartment, Recreational, etc.)
- B. Are you within the area of an approved water system?  YES  NO  
If yes, explain why you are unable to connect to the system. *Note: Regional water systems are identified by your County Health Department.*  
This application is for an additional production well to serve the District during this drought period.

**Complete C. and D. only if the proposed water system will have fifteen or more connections.**

- C. Do you have a current water system plan approved by the Washington State Department of Health?  YES  NO  
If yes, when was it approved? 11/22/2000 Please attach the current approved version of your plan.
- D. Do you have an approved conservation plan?  YES  NO  
If yes, when was it approved? Included in WSP Please attach the current approved version of your plan.

**Section 7. IRRIGATION/AGRICULTURAL/FARM INFORMATION**  
*(Complete for all irrigation and agriculture uses.)*

- A. Total number of acres to be irrigated: \_\_\_\_\_
- B. List total number of acres for other specified agricultural uses:
- |           |             |
|-----------|-------------|
| Use _____ | Acres _____ |
| Use _____ | Acres _____ |
| Use _____ | Acres _____ |
- C. Total number of acres to be covered by this application: \_\_\_\_\_
- D. Family Farm Act (Initiative Measure Number 59, November 3, 1977, as amended by Chapter 237, Laws of 2001)  
Add up the acreage in which you have a controlling interest, including only:  
‡ Acreage irrigated under water rights acquired after December 8, 1977;  
‡ Acreage proposed to be irrigated under this application;  
‡ Acreage proposed to be irrigated under other pending application(s).
1. Is the combined acreage greater than 6000 acres?  YES  NO
2. Do you have a controlling interest in a Family Farm Development Permit?  YES  NO  
If yes, enter permit no: \_\_\_\_\_
- E. Farm uses:  
Stockwater - Total # of animals \_\_\_\_\_ Animal type \_\_\_\_\_ (If dairy cattle, see below)  
Dairy - # Milking \_\_\_\_\_ # Non-milking \_\_\_\_\_

**Section 8. WATER STORAGE**

- Will you be using a dam, dike, or other structure to retain or store water?  YES  NO
- NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point, and some portion of the storage will be above grade, you must also apply for a reservoir permit. You can get a reservoir permit application from the Department of Ecology.*

**Section 9. DRIVING DIRECTIONS**

Provide detailed driving instructions to the project site.

From West Seattle take the Fauntleroy – Vashon Ferry. Head south on the Vashon Highway to SW 216<sup>th</sup> Street. Turn left. The District's Morgan Hill facility is on the left.

**Section 10. REQUIRED MAP**

- A. Attach a map of the project. (**See instructions.**)

**Section 11. PROPERTY OWNERSHIP**

- A. Does the applicant own the land on which the water will be used?  YES  NO  
If no, explain the applicant's interest in the place of use and provide the name(s) and address(es) of the owner(s):  
  
The District is a public water purveyor. The water will be used within its service area.
- B. Does the applicant own the land on which the water source is located?  YES  NO  
If no, submit a copy of agreement:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though I may have been assisted in the preparation of the above application by the employees of the Department of Ecology, all responsibility for the accuracy of the information rests with me.

Joseph Adams  
Applicant (or authorized representative)

4/14/2005  
Date

District Customers  
Landowner for place of use (if same as applicant, write "same")

\_\_\_\_\_  
Date

Use this page to continue your answers to any questions on the application. Please indicate section number before answer.

|  |   |
|--|---|
| We are returning your application for the following reason(s):   |   |
| ____ Examination fee was not enclosed  | APPLICANT PLEASE RETURN TO CASHIER, PO BOX 5128, LACEY, WA 98509-5128 |
| Section number(s) incomplete   | is/are APPLICANT PLEASE RETURN TO THE APPROPRIATE REGIONAL OFFICE     |
| Explanation:   |   |
| Please provide the additional information requested above and return your application by _____ (date). |   |

Ecology staff \_\_\_\_\_ Date \_\_\_\_\_

Ecology is an Equal Opportunity and Affirmative Action employer.

To receive this document in alternative format, contact the Water Resources Program at (360) 407-6604 (Voice) or (360) 407-6006 (TDD).

April 13, 2005

Mr. Doug Wood  
Department of Ecology  
3190 160<sup>th</sup> Avenue SE  
Bellevue, WA 98008-5452

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Dear Mr. Wood:

Water District 19 is applying for a temporary water right for the Morgan Hill well. We understand that Ecology may grant this type of water right due to the drought emergency declaration by the governor on March 10. We are requesting the water right for the following two reasons.

First, the District's main supply source is Beall Creek. The District is required to maintain a minimum of 0.1 CFS in the creek downstream of the pump station. Last summer the District had to curtail its pumping from this source due low flow in the creek. The District has not yet installed the low flow monitoring equipment in the creek for the 2005 season. However, based upon the low precipitation this past winter and the past experience of 2004 there is significant concern regarding the ability to withdraw normal amounts from the creek this summer.

Second, the District's main groundwater supply well failed last fall. The District currently is in the process of drilling a replacement well on the site and hopes to have it activated by peak summer demand period. However, if the drilling and equipping does not proceed as scheduled the District will not be able to provide the peaking capacity that is has in the past, from this source.

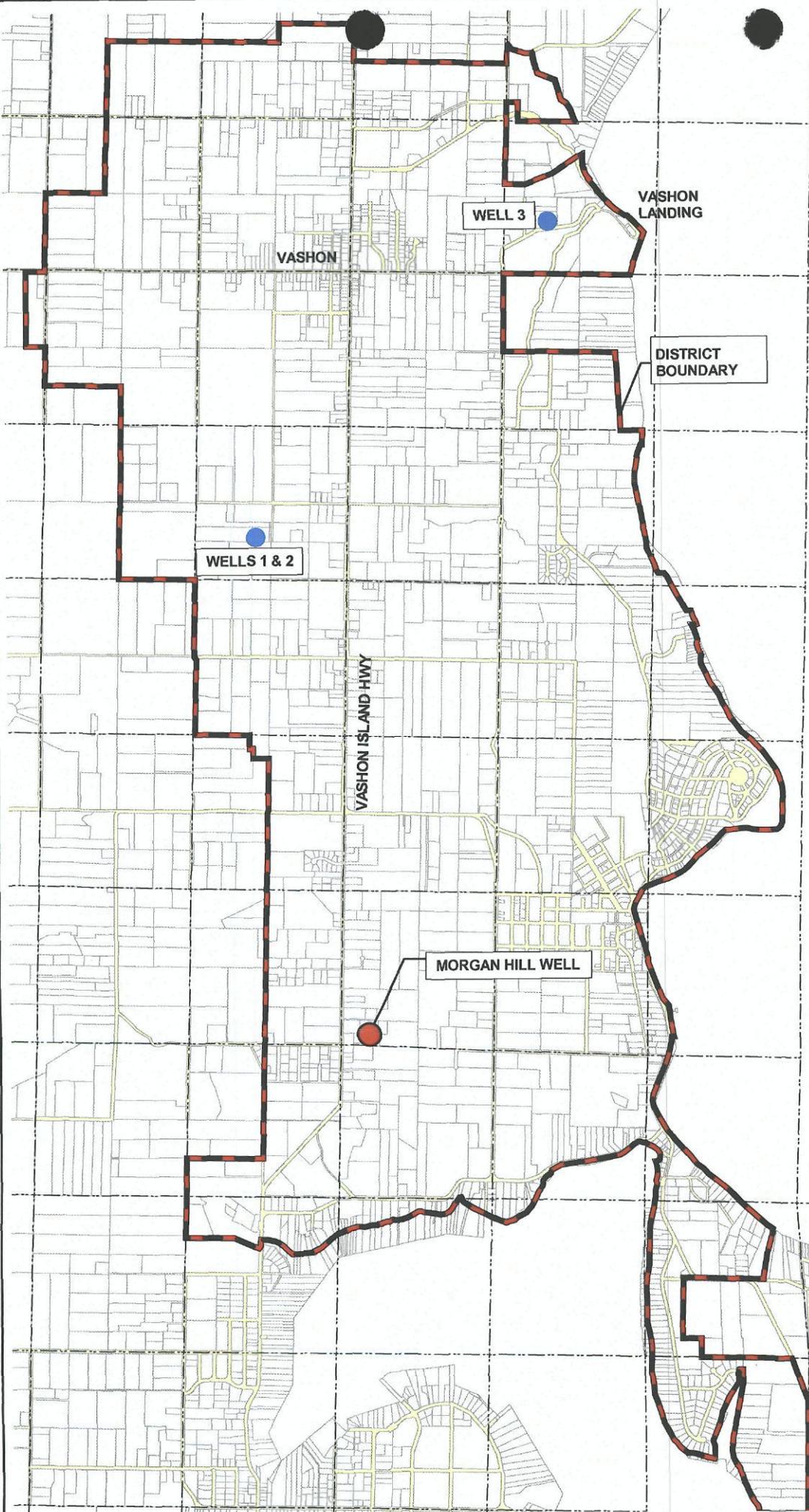
Enclosed please find an Application for Drought Permit" and the report for the drilling and testing of the Morgan Hill Test Well. The well is screened from a depth of 335 to 360 below ground surface (50 to 75 feet below sea level.) The District does not have any long term monitoring data from the Morgan Hill well.

If you have any questions please do not hesitate to contact myself or our contract Engineer, Warren Perkins at Gray & Osborne.

Sincerely,



Jeffrey Lakin  
General Manager  
King County Water District 19  
(206) 463-9007



**WATER DISTRICT #19**  
VICINITY MAP



**Gray & Osborne, Inc.**  
CONSULTING ENGINEERS  
SEATTLE • VANUVA • OLYMPIA